

Abstract

The present invention provides a flexible polyurethane foam showing sufficient physical properties and reduced volatile amine components. It is therefore possible to provide the flexible polyurethane foam, enabling to improve working environments during the production process and reduce volatile amines discharged from the products. The present invention also provides excellent seat pads and sound absorbing materials for automobiles, comprising the flexible polyurethane foam.

The flexible polyurethane foam is produced by contacting the polyol composition (A) comprising a polyether polyol (an amine value: 400 to 600 mg KOH/g, a hydroxyl value: 350 to 700 mg KOH/g), which is the adduct of an alkylene oxide to a compound selected from formulas (1) and (2), with an organic polyisocyanate in the presence of water.

In the formulae, R^1 and R^2 represent H or $(CH)_n-NH_2$ ($n: 1-3$), $R^3 - R^6$ and R^7 represent H or an alkyl group or alkenyl group having 1 to 4 carbon atoms, and k and m represent 1 to 6.

[Formula 11]

